

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Yasushi Tohi et al.

Application No.: 10/695,831

Filed: October 30, 2003

For: PROCESS FOR PREPARING LOW
MOLECULAR WEIGHT OLEFIN (CO)
POLYMER AND POLYMERIZATION
CATALYST USED THEREFOR



) Group Art Unit:

) Examiner:

) Confirmation No.:

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby submit a Search Report from the corresponding European patent application and copies of the documents cited therein, as well as other documents including several of the documents identified in the background of the application, in accordance with 37 C.F.R. §§ 1.97 and 1.98.

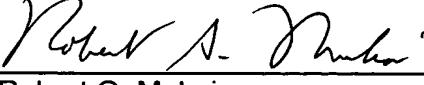
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date April 30, 2004

By:



Robert G. Mukai
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Patent
Attorney Docket No. 018765-145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Yasushi Tohi et al.

Application No.: 10/695,831

Filing Date: October 30, 2003

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

Title: PROCESS FOR PREPARING LOW MOLECULAR WEIGHT OLEFIN (CO) POLYMER AND POLYMERIZATION CATALYST USED THEREFOR

FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge _____ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of _____ is enclosed for the fee due.
- Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Alexandria, Virginia 22313-1404
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Date: April 30, 2004

By Robert G. Mukai

Robert G. Mukai

Registration No. 28,531

**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1 OF 1

Complete if Known

Application Number	10/695,831
Filing Date	October 30, 2003
First Named Inventor	Yasushi Tohi et al.
Examiner Name	Unassigned
Attorney Docket Number	018765-145

APR 30 2004

JC33

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,469,188		Miller et al.	10-22-2002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
.	59-210905		Japan	11-29-1984	Abstract	
.	61-236804		Japan	10-22-1986	Abstract	
.	01-203410		Japan	08-16-1989	Abstract	
.	06-049129		Japan	02-22-1994	Abstract	
.	08-239414		Japan	09-17-1996	Abstract	
.	02-173104		Japan	07-04-1990	Abstract	
.	04-069394		Japan	03-04-1992	Abstract	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
.	WALTER KAMINSKY ET AL. "Polymerization of Propene and Butene with a Chiral Zirconocene and Methylalumoxane as Cocatalyst", Angew. Chem. Int. Ed. Engl. 1985, pgs. 507 -508, Vol. 24, No. 6, VCH Verlagsgesellschaft mbH, Weinheim , Germany
.	JOHN A. EWEN ET AL., "Syndiospecific Propylene Polymerization with Group 4 Metallocenes", J. Am. Chem. Soc., 1988, pgs. 6255 -6256, Vol. 110, American Chemical Society
.	MIN HYUNG LEE ET AL. "Ethylene-Bridged Pseudo-C ₂ Symmetric Ansa-Zirconocene Complexed: synthesis, Structures and Propylene Polymerization Behavior", Journal of Organometallic Chemistry, 1998, pgs. 37 – 47, Vol. 561, Elsevier Science S.A., Holland
.	IL KIM ET AL., "Copolymerization of Ethylene and 1-Decene by Metallocenes: Direct Comparison of Me ₂ C(Cp)(Flu)ZrMe ₂ with Et(Cp)(Flu)ZrMe ₂ ", Polymer Engineering and Science, 2001, pgs. 899 – 907, Vol. 41, No. 6,

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.
VA 141245.1